

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA 03/00564

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01V3/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01V

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 060 039 A (LAGARRIGUE SERGE) 29 November 1977 (1977-11-29) column 2, line 61 - line 68 column 3, line 8 - line 20 column 4, line 52 - line 58 column 5, line 21 - column 6, line 9 figures 1-4	1,3-5,16
A	US 4 990 850 A (VOTRUBA JAN V) 5 February 1991 (1991-02-05) column 1, line 9 - line 23 column 5, line 64 - column 6, line 1 column 6, line 42 - line 44 column 6, line 64 - column 7, line 9 figures 1,3	1,16

	---/---	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

G document member of the same patent family

Date of the actual completion of the international search

18 August 2003

Date of mailing of the international search report

26/08/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Schneiderbauer, K

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA 03/00564

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01V3/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01V

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 060 039 A (LAGARRIGUE SERGE) 29 November 1977 (1977-11-29) column 2, line 61 - line 68 column 3, line 8 - line 20 column 4, line 52 - line 58 column 5, line 21 - column 6, line 9 figures 1-4	1, 3-5, 16
A	US 4 990 850 A (VOTRUBA JAN V) 5 February 1991 (1991-02-05) column 1, line 9 - line 23 column 5, line 64 - column 6, line 1 column 6, line 42 - line 44 column 6, line 64 - column 7, line 9 figures 1,3	1, 16

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

18 August 2003

Date of mailing of the international search report

26/08/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel: (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Schneiderbauer, K

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA 03/00564

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 795 995 A (COOK II JAMES C ET AL) 3 January 1989 (1989-01-03) column 3, line 46 -column 4, line 16 figure 1 ---	6-11,14
A	US 5 841 346 A (PARK BYUNG YONG) 24 November 1998 (1998-11-24) column 3, line 10 - line 50 figure 2 ---	6-11,14
A	DE 199 12 407 A (DEERE & CO) 21 September 2000 (2000-09-21) column 1, line 3 - line 28 column 4, line 38 - line 55 column 5, line 55 -column 6, line 28 figures 1,2 ---	1
A	DE 43 01 611 A (CLAAS OHG) 28 July 1994 (1994-07-28) column 3, line 47 -column 4, line 4 column 4, line 64 - line 68 claim 1; figures 1,2 -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA 03/00564

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4060039	A	29-11-1977	DE 2427359 A1 DE 2520077 A1 FR 2273930 A1 IT 1036762 B JP 51011400 A	18-09-1975 07-04-1977 02-01-1976 30-10-1979 29-01-1976
US 4990850	A	05-02-1991	NONE	
US 4795995	A	03-01-1989	US 4634975 A AU 584135 B2 AU 4954585 A CA 1240756 A1 CA 1257361 A2 DK 227486 A EP 0195070 A1 JP 62501443 T WO 8601924 A1	06-01-1987 18-05-1989 08-04-1986 16-08-1988 11-07-1989 04-07-1986 24-09-1986 11-06-1987 27-03-1986
US 5841346	A	24-11-1998	KR 228251 B1	01-11-1999
DE 19912407	A	21-09-2000	DE 19912407 A1	21-09-2000
DE 4301611	A	28-07-1994	DE 4129113 A1 DE 4301611 A1 BE 1009286 A5 FR 2700661 A1 BE 1007098 A3 FR 2680625 A1	04-03-1993 28-07-1994 07-01-1997 29-07-1994 14-03-1995 05-03-1993